| Index of | Claims |
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| Application No. | Applicant(s) |  |
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| 09/778,019      | DOANE ET AL. |  |
| Examiner        | Art Unit     |  |
| Teena Mitchell  | 3743         |  |

|   | Rejected | _ | (Through numeral)<br>Cancelled |
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| : | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

Teena Mitchell

| Α | Appeal   |
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| 0 | Objected |

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|          |  | 1              | _        | ├        | ╁        | ╁        | -   | _        | <del> </del> | ┝        | ├-       | 1        |
|          | 1  | V              | ┝        | ╁╌       | ╁        | +        |     | $\vdash$ | -            | ┝╌       | -        | l        |
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|          |  | -              | -        | ╀        | ╁        | ╅        | _   | -        | ╁            | ⊢        | ╁        | 1        |
| <u> </u> | 4  | ⊢              | ├-       | ╁        | ╀        | +        | _   | -        | ⊢            | ⊢        | ┝        | ł        |
| <u> </u> |  | <u> </u>       |          | ╁╌       | ╀        | +        |     | ┝        | ┢            | ┢        | +-       | ł        |
|          | 7  | V              | ├-       | ╁        | +        | +        | _   | ┢        | ┝            | ╁╌       | ╁╌       | 1        |
| <u> </u> | 1 ′  | 7722           | ╁        | ╀        | ╁        | +        |     | ⊢        | ╁╌           | ┼-       | ╁╌       | 1        |
| <u> </u> | <u> </u>   | 灹              | ⊢        | ╀        | ╁        | +        | _   | ├-       | ╁╴           | +-       | ╁╌       | 1        |
| <u> </u> | 45   | ען             | ╁        | ╁╴       | +        | ┥        |     | ╁        | ╁            | ╁╴       | $\vdash$ | 1        |
| <u> </u> | 112  | ┼              | ⊢        | ╁        | +        | +        |     | ╁        | ╁╌           | ╁╴       | ╁╴       | ┨        |
| -        | 10   | <del> </del>   | ⊢        | +-       | +        | -        | _   | ╀        | ╁╌           | +-       | +-       | 1        |
| -        | 12   | 10             | +-       | +        | +        | +        | -   | +        | +            | +        | +-       | 1        |
| -        | 13   | +⁺             | ╀        | +        | +        | +        | _   | ╁        | +            | ╁        | ╁        | 1        |
| -        | 14   | ╀              | ╁        | ╁        | +        | -        | _   | ╁        | +            | +        | ╁        | 1        |
| -        | 15   | +              | ╀        | +        | +        | -        | _   | +-       | +            | ╁        | +        | ┨        |
| <u> </u> | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | ╁              | ╀        | +        | +        | -        | -   | ╁        | +            | +        | ╁        | 1        |
| -        | 17   | ╄              | ╄        | ╀        | +        | _        | _   | ╀        | ╁            | ╁        | ╁        | ┨        |
| -        | 18   | ╄              | ╀        | ╁        | +        | -        | _   | ╁        | ╁            | ╁        | ┿        | ┪        |
|          | 19   | +              | ╀        | +        | +        | _        | ┝   | ╁        | ┿            | +        | ╁        | +        |
| <u> </u> | 20   | ╀              | ╀        | ╀        | +        | _        | _   | ╁        | +            | ╁        | ╁        | ┨        |
| <u> </u> | 21   | ╁              | ╄        | +        | +        | _        | ┝   | ╁        | ╁            | ╁        | ╁        | ┨        |
| -        | 22<br>23   | +              | ╁        | +        | +        | _        | ⊢   | ╁        | ┿            | +        | ╫        | -        |
|          | 23   | +-             | +-       |          | -+       | _        | ┝   | ╁╴       | ╫            | +        | +        | $\dashv$ |
|          | 24   | +-             | +        | +        | ┥        | _        | ┝   | ╫        | +-           | ╫        | +-       | ┨        |
|          | 25<br>26   | +              | +        | +        | +        |          | ├   | ╁        | +-           | +-       | ╅╴       | -        |
| <u> </u> | 20   | ┿              | +        | +        | +        | _        | ⊢   | +        | ╫            | ╫        | ╁        | ┨        |
| <b> </b> | 27   | +              | ┿        | +        | +        |          | ┝   | +        | ╁            | +-       | ╁        | ┨        |
| -        | 28<br>29   | +              | +        | +        | $\dashv$ |          | ┝   | ╫        | ┿            | +        | ╅        | ┨        |
| -        | 29   | +              | +        | +        | -        |          | ╀   | ╫        | +            | ╁        | ┿        | $\dashv$ |
| <u> </u> | 30<br>31   | Ή-             | +        | +        | $\dashv$ |          | ╀   | ╫        | ╫            | +        | ┿        | ┨        |
| -        | 31   | +              | +        | +        |          | _        | ╀   | +        | +            | +        | +        | $\dashv$ |
| <u> </u> | 32   | +              | +        | +        | -        | _        | ╁   | +        | +            | ╅        | +        | $\dashv$ |
| -        | 33   | -              | +        | +        | $\dashv$ | -        | ╁   | +        | +            | ╅        | +        | $\dashv$ |
| -        | 34   | -              | +        | +        | -        | -        | ╀   | +        | ┿            | +        | +        | $\dashv$ |
|          | 35   | +              | +        | +        | -        |          | +   | +        | +            | +        | +        | ┨        |
| -        | 36   | ;+-            | +        | +        | _        |          | +   | +        | +            | +        | +        | $\dashv$ |
|          | 3/   | +              | +        | +        |          | ├        | +   | +        | +            | +        | +        | $\dashv$ |
| -        | 38   | +              | +        | $\dashv$ |          | ⊢        | +   | +        | +            | +        | +        | $\dashv$ |
| -        | 138  | <del>`</del> + | +        | +        | _        | -        | +   | +        | +            | +        | +        | $\dashv$ |
| -        | 40   |                | +        | +        | _        | ┝        | ╁   | +        | +            | +        | $\dashv$ | $\dashv$ |
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| -        | 4  | 7 +            | ┥        | $\dashv$ | _        | +        | +   | +        | $\dashv$     | -+       | +        | $\dashv$ |
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| Cla      | im              | _        |              | -      | _ | _ | _      | - | )a     | ite      | ! |          |   |   | _ |   | 7        |
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| <u> </u> |                 |          | Τ            |        | Ī | ٦ | Γ      | ٦ |        | T        |   | T        |   | Γ | ٦ |   | ٦        |
| Final    | Original        |          |              |        |   |   |        |   |        |          |   |          |   |   |   |   |          |
|          | 51_             |          | t            | _      | T |   | Γ      |   |        |          |   | 1        |   | İ |   |   |          |
|          | 52<br>53        |          | Τ            |        |   |   |        |   |        |          | _ |          |   | L |   |   | 4        |
|          | 53              |          | L            |        |   |   |        |   |        |          |   |          | _ | 1 |   | L | ┙        |
|          | 54              |          | 1            |        |   |   | L      | _ | L      |          |   | 1        |   | ļ |   | L | _        |
|          | 54<br>55        |          | I            |        |   |   | L      |   | L      |          | L | 1        | _ | 1 | _ | L | 4        |
|          | 56              |          | $\perp$      |        | L |   | L      |   | L      |          |   | 4        |   | 4 |   | L | 4        |
|          | 57              | <u> </u> | $\downarrow$ |        | Ļ |   | Ļ      |   | L      | _        | L | 4        | _ | + | _ | L | 4        |
|          | 58              | _        | 1            |        | 1 |   | ╀      |   | Ļ      |          | L | -        | _ | + | _ | ┞ | ┩        |
|          | 59              | L        | +            | _      | 1 | _ | Ļ      |   | ⊦      | _        | ┞ | -        | _ | + | _ | ┞ | 4        |
|          | 60<br>61        | -        | +            | _      | ╀ | _ | ╁      |   | ╀      | _        | ┞ | ┥        |   | + | _ | ┞ | _        |
| <u> </u> | 61              | ├        | +            | _      | ╀ | _ | ╀      |   | ╀      | _        | ┞ | ┥        |   | + |   | ╁ | -        |
|          | 62<br>63        | ⊢        | +            | _      | + | - | t      | - | ł      | -        | ╁ | +        | _ | + | - | t | _        |
| -        | 64              | ├        | +            | _      | + | - | $^{+}$ | - | +      | -        | t | 4        | _ | + | _ | t | _        |
| -        | 64<br>65        | ╁        | +            | -      | + | _ | $^{+}$ | _ | $^{+}$ | _        | t | ٦        | _ | + | _ | t | _        |
| -        | 66              | ╁╴       | +            | _      | + |   | †      | _ | t      | _        | t | _        | Г | 7 |   | t | _        |
| <u> </u> | 67              | ╁        | +            | _      | † | _ | †      | _ | t      |          | t | _        | Γ | 7 |   | T |          |
| -        | 68              | ✝        | +            | _      | † | _ | Ť      |   | t      |          | t |          | Γ | 7 |   | T |          |
|          | 68<br>69        | T        | 1            |        | 1 | _ | †      |   | Ť      |          | Τ |          | Г |   |   | I |          |
|          | 70              | †        | T            |        | 7 |   | 1      |   | Ι      |          | Ţ |          |   |   |   | I |          |
|          | 71              | 1        | 7            |        | 1 |   | I      |   | Ι      |          | Ι |          | L |   |   |   | _        |
|          | 71<br>72        | 1        | $\Box$       |        |   |   |        |   | I      |          | 1 | _        | L | _ |   | 1 |          |
|          | 73              | I        |              |        |   | _ | 1      | _ | 1      |          | 1 | _        | L | _ |   | 4 | _        |
|          | 73<br>74        | I        |              | _      | ╛ | _ | 1      |   | 4      | _        | 1 | _        | L |   | L | 4 | _        |
|          | 1 75            | L        | _            | _      | 4 | _ | 4      |   | 4      | _        | 4 | _        | L | _ | _ | + | _        |
|          | 76<br>77        | 1        | 4            | _      | 4 | _ | 4      | _ | 4      | _        | + | _        | ╀ | _ | _ | + | _        |
|          | <del>  77</del> | 4        | -            | _      | _ | _ | 4      | _ | 4      | _        | + | _        | ╀ | _ | ┝ | + | _        |
| -        | 78              | +        | -            | _      | _ | - | -      | _ | +      | _        | + | _        | ╁ | - | ┝ | + | _        |
| -        | 79<br>80        | +        | ᅱ            | -      | 4 | _ | ┨      | _ | ┥      | _        | + | _        | ╁ | _ | - | + | _        |
| -        | 81              | ╁        | -            | _      | - | H | 1      | _ | ┪      | -        | + | _        | t | _ | - | 7 | _        |
| -        | 82              | +        | -            | -      | _ | - | +      | _ | ┪      | _        | 7 | -        | t |   | r | 1 | _        |
| -        | 83              | +        | _            | Н      | _ | Н |        |   | 1      |          | † | _        | Ť | _ | Τ | 7 |          |
| -        | 84              | $\top$   | _            | Η      | _ | T |        | Г | 1      |          | 7 |          | 1 | _ | Ι | ] |          |
|          | 85              | 1        |              | Γ      | _ |   |        |   |        |          |   |          | Ι |   |   |   |          |
|          | 86              | П        |              |        |   |   |        |   |        |          | Ι |          | I | _ | Ĺ |   |          |
|          | 87              |          |              |        |   | Ĺ |        | Ĺ |        | Ĺ        |   | _        | 1 |   | L |   | L        |
|          | 88              | 1        |              | Ĺ      |   | L |        | L |        | L        | _ | _        | 1 | _ | 1 | _ | L        |
|          | 89              | П        |              | L      |   | L |        | L |        | L        | _ | _        | 1 | _ | 1 | _ | $\vdash$ |
|          | 90              |          |              | L      | _ | L | _      | L | _      | L        | _ | _        | + | _ | ╀ |   | $\vdash$ |
| <u> </u> | 91              |          | _            | 1      | _ | ╀ |        | H | _      | ┞        | _ | <u> </u> | + | _ | ╀ | _ | -        |
| _        | 92              | -        | _            | ╀      | _ | + | _      | ┞ | _      | $\vdash$ | - | $\vdash$ | + | _ | + | _ | $\vdash$ |
| $\vdash$ | 93              |          |              | ╀      | _ | ╀ |        | H | _      | ╀        | _ | -        | + | - | + | _ | ┝        |
| -        | 94              |          | _            | ╀      | _ | + | _      | H | -      | ╁        | _ | ┝        | + | _ | 十 |   | ┢        |
| -        | 95              |          |              | $^{+}$ | - | + | _      | t | -      | t        |   | $\vdash$ | + | _ | t | _ | t        |
| -        | 97              |          | _            | t      | _ | t | _      | t |        | t        | _ | t        | 7 |   | † | _ | t        |
| $\vdash$ | 98              |          |              | t      | _ | t | _      | t | _      | t        | _ | T        | 7 |   | T | _ | Γ        |
| -        | 99              | 5        |              | †      |   | † |        | T | _      | T        |   | Γ        | _ |   | I |   | Γ        |
|          | 10              |          |              | †      | _ | 1 |        | Ť |        | T        |   | Γ        | 1 |   | I |   |          |

| Cla      | aim                             | _         |   | - |   | _ | - | _        | a        | te |   |   | _        |         |   | ٦        |
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| Final    | Original                        |           |   |   |   |   |   |          |          |    |   |   |          |         |   |          |
|          | 101<br>102<br>103               |           | T |   |   |   |   |          |          |    |   |   | 1        |         | L | ╛        |
|          | 102                             | Г         | T |   |   |   |   |          |          | I  |   |   |          |         | L |          |
|          | 103                             | Г         | T |   |   |   |   |          |          |    |   |   | 1        |         | L |          |
|          | 104                             | Г         | Τ |   |   | , |   |          |          | _  |   |   |          |         | L | ╛        |
|          | 105                             |           | T |   | Π | , |   |          |          |    |   |   |          |         | L | ╛        |
|          | 104<br>105<br>106               | Г         | T |   | Γ |   |   |          |          | Ţ  |   |   |          |         | L | ╝        |
|          | 107                             | Γ         | Ι |   |   |   |   |          |          |    |   |   |          |         | L | _        |
|          | 107<br>108                      |           | I |   |   |   | L |          | L        | _  |   | L | _        |         | L | 4        |
|          | 109<br>110                      |           |   |   |   |   | L |          | L        | _  |   | L | _        | _       | L | 4        |
|          | 110                             |           |   |   | L |   | L | _        |          | _  | _ | L | 4        |         | Ļ | ╛        |
| -        | 1 111                           |           |   |   |   | _ | L |          | L        | _  |   | L | _        |         | L | 4        |
|          | 112                             |           |   |   | L | _ | L | _        | L        | _  |   | L | 4        |         | ļ | 4        |
|          | 113                             |           |   |   | L | _ | L |          | L        | _  |   | L | _        | _       | ļ | 4        |
|          | 112<br>113<br>114<br>115        | L         |   |   | L |   | L | _        | L        | _  | _ | L | _        | _       | 1 | 4        |
|          | 115                             | L         |   |   | L |   | L |          | L        |    |   | ļ | _        | _       | ╀ | 긕        |
|          | 1116                            | L         |   |   | ┸ |   | 1 |          | L        |    |   | 1 | _        | _       | 1 | _        |
|          | 117<br>118                      | L         |   |   | ┸ | _ | Ţ |          | L        |    |   | 1 | _        | L       | 1 | 4        |
|          | 118                             |           | ┙ |   | 1 | _ | 1 | _        | L        |    | _ | 1 | _        | _       | + | ᅴ        |
|          | 1119                            | Ļ         |   | _ | 1 |   | ↓ |          | Ļ        | _  | L | 1 | _        | L       | 4 | ᅱ        |
|          | 120<br>121<br>122               |           |   | _ | 1 | _ | 1 | _        | ↓        | _  | _ | 1 | _        | ┝       | + | -        |
|          | 121                             | ┸         |   | L | 4 | _ | 1 | _        | ļ        | _  | L | 1 | _        | ┞       | + | _        |
|          | 122                             | 1         |   | L | 1 | _ | 1 | _        | 1        | _  | - | 4 | _        | L       | 4 | _        |
|          | 123                             |           |   | L | 1 |   | 1 | _        | 1        |    | L | 4 | _        | ┞-      | 4 |          |
|          | 123<br>124<br>125<br>126<br>127 |           |   | L | 1 | _ | 1 | _        | 1        |    | L | 4 |          | ╄       | 4 | _        |
|          | 125                             | <u> </u>  |   | _ | 4 |   | 1 | _        | 1        | _  | L | + | _        | ╀       | 4 |          |
|          | 126                             | 1         | _ | L | _ | _ | 4 | _        | 4        |    | ₽ | 4 | _        | ╄       | 4 | _        |
|          | 127                             | 1         | _ | L | 4 | _ | 4 | _        | 4        | _  | Ļ | 4 | _        | ╀       | 4 | _        |
|          | 128<br>129<br>130               | 1         |   | L | 4 | _ | 4 | _        | 4        |    | ┡ | 4 | _        | ╀       | 4 | _        |
|          | 129                             | 1         |   | _ | 4 | _ | 1 | _        | 4        | _  | Ļ | 4 | _        | ╀       | 4 |          |
|          | 130                             | <u>1</u>  | _ | L | _ |   | 4 | _        | 4        | _  | Ļ | 4 | _        | ╄       | 4 | _        |
|          | 131<br>132                      | Ц.        |   | L | 4 | _ | 4 | _        | 4        |    | ╄ | 4 | _        | $\perp$ | 4 |          |
|          | 132                             | 2         |   | L | _ | _ | 4 | _        | 4        |    | ╀ | 4 | _        | ╀       | 4 |          |
|          | 133                             | 3 ⊥       |   | L | _ |   | 4 | _        | 4        |    | ╀ | 4 | _        | ╀       | 4 | _        |
|          | 134                             | 4         | _ | l | _ | _ | 4 |          | 4        | _  | ╀ | 4 |          | +       | 4 | _        |
|          | 135                             | 5         |   | ┺ | _ | _ | 4 | _        | 4        |    | ╀ | 4 | _        | +       | _ | _        |
|          | 136                             | 3         | _ | Ļ | _ | L | 4 | _        | 4        | _  | + | 4 | _        | ╀       | _ | -        |
| <u>L</u> | 13                              | 7         | _ | ╀ | _ | _ | 4 | L        | 4        | _  | + | 4 | _        | +       | _ |          |
|          | 138                             | <u> 3</u> | _ | ╀ | _ |   | 4 | _        | 4        | _  | + | 4 | _        | +       | _ | -        |
| <u> </u> | 139                             | 9         | _ | + | _ | L | _ | L        | 4        | _  | + | 4 | -        | +       | _ | -        |
| L        | 14                              | 9         | _ | + | _ | L | _ | L        | 4        | L  | + | - | -        | +       |   | ⊢        |
| <u>_</u> | 14                              | 1         | _ | + | _ | L | _ | L        | _        | -  | + | 4 | -        | +       |   | ⊢        |
| L        | 14                              |           | _ | + | _ | - | _ | H        | _        | -  | + | _ | ┝        | +       | _ | ┝        |
| <u>_</u> | 14                              |           | _ | 4 | _ | L | _ | ŀ        | _        | ⊢  | + | _ | ┝        | +       | _ | $\vdash$ |
| <u>_</u> | 14                              | 4         | _ | 4 | _ | 1 | _ | -        | _        | -  | + | _ | ┝        | +       | _ | $\vdash$ |
| <u></u>  | 14                              | 5         | _ | + |   | 1 |   | H        |          | ⊢  | + |   | $\vdash$ | +       | _ | $\vdash$ |
|          | 14                              |           |   | + |   | L |   | L        |          | ⊢  | + |   | ┞        | +       |   | ⊢        |
|          | 14                              |           |   | 4 | _ | L | _ | L        |          | ┞  | + | _ | ⊦        | +       | _ | ╁        |
| <u></u>  | 14                              |           | _ | + | _ | ╀ | _ | $\vdash$ | _        | ┞  | + |   | ╀        | +       |   | ╁        |
| _        | 14                              |           | _ | + |   | + | _ | ╀        |          | ╀  | + |   | $\vdash$ | +       | _ | ╁        |
|          | 15                              | 0         | _ | 1 | _ | L |   | L        |          | L  | 丄 | _ | 1_       | _1_     | _ | 上        |
|          |                                 |           |   |   |   |   |   |          |          |    |   |   |          |         |   |          |